Amendments to the Claims

1.   (currently amended) A communication system, comprising:

a)——at least one community, each community comprised of:

i)——at least one sSpace <u>having publish and subscribe capability and communicating using a first protocol</u>; and

ii)——at least one double agent, operable to communicate with entities <u>using a second protocol</u> and the Sspace <u>using the first protocol</u>;

b)——at least one non-space specific double agent, operable to communicate outside the community.

2.   (currently amended) The communication system of claim 1, wherein the at least one double agent further comprises a universal double agent (UDA) <u>capable of communicating with the Space and any entity</u>.

3.   (currently amended) The communication system of claim 1, wherein the at least one double agent further comprises a morphing double agent (MDA) <u>capable of adopting characteristics to communicate with any entity</u>.

4.   (original) The communication system of claim 1, wherein the at least one double agent further comprises at least one device specific double agent.

5.   (original) The communication system of claim 1, wherein the at least one non-space specific double agent further comprises a determination agent.

6.   (currently amended) A method of providing communications, the method comprising:

a)——establishing a Space<u> having a publish and subscribe capability</u>;

b)——inserting an object into the Space, wherein the object is generated by a double agent in communication with a member of a Community requesting an action; and

e)——providing notification to subscribed members of the Community of the insertion of the object into the Space.

7.   (original) The method of claim 6, wherein the method further comprises reinserting objects intended for other spaces into the Space.

8.   (original) The method of claim 6 wherein the space, the double agent and the subscribed members reside on at least two different computing devices.

9.   (original) The method of claim 6 wherein the object inserted includes a wrapper addressed for a determination agent.

10.   (original) The method of claim 6 wherein the action requested requires interaction with another space.

11.   (currently amended) A computer-readable medium, wherein the medium includes software code, that when executed, results in:

   a)——establishment of a Space _having a publish and subscribe capability;_

   b)——insertion of an object into the Space, wherein the object is generated by a double agent in communication with a member of a Community requesting an action; and

   e)——providing notification to subscribed members of the Community of the insertion of the object into the space.

12.   (original) The computer-readable medium of claim 10, wherein the medium is comprised of at least two computing devices.

13.   (currently amended) A network device including a processor and a memory, the processor configured to perform the steps of:

   a)——establishing a Space in the memory;

   b)——executeing an agent to generate an object in response to a request from a member of a Community; _and_

   e)——inserting the object into the Space; and

d)   provideing, wherein the Space provides notification to subscribed members of
the Community of the insertion of the object into the Space.